

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A process for producing a modified polyolefin resin, which comprises the steps of:

(1) blending at least the following components (A) to (D) to produce a blend:

(A) 100 parts by weight of a polyolefin resin,

(B) from 0.1 to 20 parts by weight of a compound having an epoxy group and an unsaturated bond,

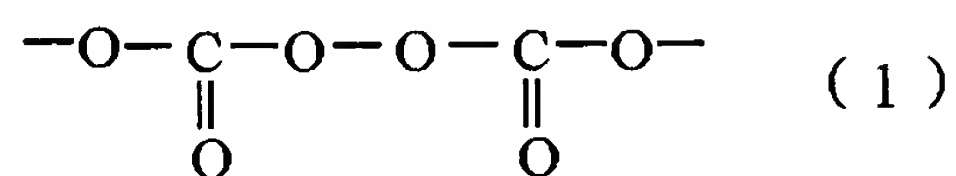
(C) from 0.01 to 20 parts by weight of an organic peroxide having a decomposition temperature of from 50 to 115 °C, at which temperature a half-life thereof is 1 minute, and

(D) from 0 to 20 parts by weight of an organic peroxide having a decomposition temperature of from 150 to 200 °C, at which temperature a half-life thereof is 1 minute, and

(2) melt-kneading said blend to produce a modified polyolefin resin,

wherein said melt-kneading is carried out in an extruder having a former melt-kneading zone and a latter melt-kneading zone, the temperature in the latter melt-kneading zone being higher than that in the former melt-kneading zone.

2. (previously presented): The process for producing a modified polyolefin resin according to claim 1, wherein the component (C) contains an organic peroxide having the following structure (1):



in its molecule.

3. (previously presented): The process for producing a modified polyolefin resin according to claim 1, wherein the blend further contains styrene.

4. (canceled).